

27/09/200417:07Print selected from Online session

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NEWS	9	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	10	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	11	SEP 01	INPADOC: New family current-awareness alert (SDI) available
NEWS	12	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	13	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS	14	SEP 14	STN Patent Forum to be held October 13, 2004, in Iselin, NJ
NEWS	15	SEP 27	STANDARDS will no longer be available on STN
NEWS	16	SEP 27	SWETSCAN will no longer be available on STN
NEWS EXPRESS			JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:54:53 ON 27 SEP 2004

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, AQUALINE, ANABSTR, ANTE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, ...' ENTERED AT 16:55:18 ON 27 SEP 2004

74 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> (anhydridizing or anhydridized) and ("factor X" or "factor IX" or "factor VII")

15 FILES SEARCHED...

28 FILES SEARCHED...

41 FILES SEARCHED...

55 FILES SEARCHED...

72 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

L1 QUE (ANHYDRIDIZING OR ANHYDRIDIZED) AND ("FACTOR X" OR "FACTOR IX" OR "FACTOR VII")

=> (anhydridizing or anhydridized) and serine

39 FILES SEARCHED...

2 FILE USPATFULL

1 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

L2 QUE (ANHYDRIDIZING OR ANHYDRIDIZED) AND SERINE

=> file USPATFULL

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.13	5.34

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 17:00:57 ON 27 SEP 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 23 Sep 2004 (20040923/PD)

FILE LAST UPDATED: 23 Sep 2004 (20040923/ED)

HIGHEST GRANTED PATENT NUMBER: US6795973

HIGHEST APPLICATION PUBLICATION NUMBER: US2004187181

CA INDEXING IS CURRENT THROUGH 23 Sep 2004 (20040923/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 23 Sep 2004 (20040923/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2004

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2004

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<

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>>> applications.  USPAT2 contains full text of the latest US      <<<
>>> publications, starting in 2001, for the inventions covered in  <<<
>>> USPATFULL.  A USPATFULL record contains not only the original  <<<
>>> published document but also a list of any subsequent          <<<
>>> publications.  The publication number, patent kind code, and   <<<
>>> publication date for all the US publications for an invention  <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.                                                     <<<

>>> USPATFULL and USPAT2 can be accessed and searched together    <<<
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>>> enter this cluster.                                           <<<
>>>                                                                <<<
>>> Use USPATALL when searching terms such as patent assignees,   <<<
>>> classifications, or claims, that may potentially change from  <<<
>>> the earliest to the latest publication.                        <<<
```

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> (anhydridizing or anhydridized) and serine
      4 ANHYDRIDIZING
      5 ANHYDRIDIZED
46840 SERINE
1671 SERINES
47321 SERINE
      (SERINE OR SERINES)
L3      2 (ANHYDRIDIZING OR ANHYDRIDIZED) AND SERINE
```

=> d ab bib 1-2

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L3  ANSWER 1 OF 2  USPATFULL on STN
AB   A thrombin derivative having a lowered fibrinogen activity, a process
      for producing thereof, an anhydrothrombin derivative having a lowered
      fibrinogen activity, and a process for producing thereof are provided.
      This invention is to provide a thrombin derivative formed by modifying
      carboxyl group(s) of the thrombin and an anhydrothrombin derivative
      formed by modifying carboxyl group(s) of the anhydrothrombin. The
      thrombin derivative can be utilized as a composition for inducing
      platelet aggregation and further as a reagent of specific aggregation
      for clinical testing and the like. By the affinity chromatography having
      carboxyl group(s) bound with anhydrothrombin as a ligand, it is made
      possible to carry out necessary purification with high selectivity
      relative to the blood coagulation factor VIII. Further, the
      anhydrothrombin derivative which results from modifying carboxyl
      group(s) of anhydrothrombin produces sufficient antithrombogenic effects
      at a smaller amount as compared with the previous anhydrothrombin and,
      therefore, can be utilized as an agent for inhibiting the
      thrombogenesis.
AN   2004:126974  USPATFULL
TI   Thrombin derivatives and process for producing the same, anhydrothrombin
      derivatives and process for producing the same, platelet
      agglutination-inducing composition, method of inducing platelet
      agglutination, clinical test reagents, clinical test method, thrombosis
      inhibitors, adsorbent and process for producing the same,
IN   Hosokawa, Kazuya, Kanagawa, JAPAN
PI   US 2004096953      A1    20040520
AI   US 2003-472237      A1    20031121 (10)
```

WO 2002-JP2594 20020319
PRAI JP 2001-79469 20010319
DT Utility
FS APPLICATION
LREP WENDEROTH, LIND & PONACK, L.L.P., 2033 K STREET N. W., SUITE 800,
 WASHINGTON, DC, 20006-1021
CLMN Number of Claims: 32
ECL Exemplary Claim: 1
DRWN 6 Drawing Page(s)
LN.CNT 920
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 2 USPATFULL on STN
AB A method for a synthesis of anhydrothrombin is provided which features a
 short process, an easy procedure, and high yields.

The method comprises

(A) a step of causing an active **serine** residue site of
thrombin to react with an inhibitor,

(B) a step of performing an alkali treatment at a pH of not less than
11, and

(C) a step of performing an operation of recovery, and carries out these
steps sequentially in the order mentioned, and is characterized by
causing at least the step of performing the operation of recovery to
proceed in the presence of at least one compound selected from the group
consisting of polyhydric alcohols and saccharides, and a salt or an
amphoteric electrolyte.

AN 1999:96255 USPATFULL
TI Method for synthesis of anhydrothrombin
IN Suzuki, Toyoaki, Tokyo, Japan
 Hosokawa, Kazuya, Kawasaki, Japan
 Nagata, Masanori, Tokyo, Japan
PA Fujimori Kogyo Co., Ltd., Tokyo, Japan (non-U.S. corporation)
PI US 5939304 19990817
AI US 1998-88244 19980601 (9)
PRAI JP 1997-148116 19970605
 JP 1998-120859 19980430
DT Utility
FS Granted
EXNAM Primary Examiner: Witz, Jean C.
LREP Woodbridge & Associates
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 1006
CAS INDEXING IS AVAILABLE FOR THIS PATE

L Number	Hits	Search Text	DB	Time stamp
1	21	anhydrized	USPAT; US-PGPUB	2004/09/27 16:38
2	0	anhydrized and ("factor IX" or "factor X" or "factor VII")	USPAT; US-PGPUB	2004/09/27 16:44
3	3	anhydrized and serine	USPAT; US-PGPUB	2004/09/27 16:44
4	1	anhydrizing and serine	USPAT; US-PGPUB	2004/09/27 16:44
5	0	anhydrizing and ("factor IX" or "factor X" or "factor VII")	USPAT; US-PGPUB	2004/09/27 16:45
-	1168	((modified or mutated)and serine\$)and "factor X"	USPAT; US-PGPUB	2004/05/04 16:10
-	0	((modified or mutated)adj serine\$)same "factor X"	USPAT; US-PGPUB	2004/05/04 16:11
-	0	((modified or mutated)adj serine)same "factor X"	USPAT; US-PGPUB	2004/05/04 16:11
-	4	((modified or mutated)adj serine)and "factor X"	USPAT; US-PGPUB	2004/05/04 16:12
-	40	((modified or mutated)adj10 serine)and "factor X"	USPAT; US-PGPUB	2004/05/04 16:24
-	0	PMSF and serine and "modified factor X"	USPAT; US-PGPUB	2004/05/04 16:24
-	2	PMSF and mutated adj serine and "factor X"	USPAT; US-PGPUB	2004/05/04 16:26
-	21	PMSF and serine same "factor X"	USPAT; US-PGPUB	2004/05/04 16:33
-	34	PMSF and serine same "factor IX"	USPAT; US-PGPUB	2004/05/04 16:35
-	0	mutated same serine same "factor IX"	USPAT; US-PGPUB	2004/05/04 16:35
-	11	modified same serine same "factor IX"	USPAT; US-PGPUB	2004/05/04 16:50
-	0	modified same serine same "factor IX"	DERWENT	2004/05/04 16:50
-	0	modified same serine and "factor IX"	DERWENT	2004/05/04 16:50
-	3483	"Factor IX"	USPAT; US-PGPUB	2004/05/05 09:12
-	35419	(modified or mutated)and serine	USPAT; US-PGPUB	2004/05/05 09:14
-	1	US-5120537-A.DID. and 5120537.PN.	USPAT; US-PGPUB	2004/05/05 09:14
-	41742	(modified or mutated or deleted or substituted)and serine	USPAT; US-PGPUB	2004/05/05 09:15
-	1410	"Factor IX" and ((modified or mutated)and serine)	USPAT; US-PGPUB	2004/05/05 09:15
-	0	(Serine adj5 (deleted or substituted or added)) same "factor IX"	USPAT; US-PGPUB	2004/05/05 09:17
-	49	(Serine adj5 (deleted or substituted or added)) and "factor IX"	USPAT; US-PGPUB	2004/05/05 10:18
-	194	PMSF and serine and "factor X"	USPAT; US-PGPUB	2004/05/05 12:49
-	16	PMSF same serine and "factor X"	USPAT; US-PGPUB	2004/05/05 12:50
-	224	PMSF and (serine (modification or mutation or substitution)) and "factor X"	USPAT; US-PGPUB	2004/05/05 12:52
-	36	PMSF same (serine (modification or mutation or substitution)) and "factor X"	USPAT; US-PGPUB	2004/05/05 12:53
-	0	PMSF same (serine and (modification or mutation or substitution)) and "factor X"	USPAT; US-PGPUB	2004/05/05 12:53
-	193	PMSF and (serine and (modification or mutation or substitution)) and "factor X"	USPAT; US-PGPUB	2004/05/05 12:53
-	92	PMSF and (serine same (modification or mutation or substitution)) and "factor X"	USPAT; US-PGPUB	2004/05/05 12:53
-	23	PMSF and (serine adj5 (modification or mutation or substitution)) and "factor X"	USPAT; US-PGPUB	2004/05/05 12:55
-	44	PMSF and (serine adj10 (modification or mutation or substitution)) and ("blood coagulating factor" or "Factor X" or "factor IX" or "Factor VII")	USPAT; US-PGPUB	2004/05/05 12:57